Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 07 Jan 2022 until 23:59 on Saturday 08 Jan 2022

Forecast Issued on Friday 07 Jan 2022 at 04:05

Confidence: High largely unsettled and changeable, but lowering confidence in the details of worst of conditions.

Headline for Friday 07 Jan 2022: Frequent wintry showers dying away later today.

Mountain weather hazards on Friday 07 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Heavy snow showers	Heavy snow showers	Heavy snow	Light snow showers (night)	Fog
Precipitation probability					
80%	70%	60%	60%	60%	20%

Forecast for Friday 07 Jan 2022

Weather: A day of showers, these wintry to all but lowest levels, frequent this morning and early afternoon, and gradually dwindling thereafter. The showers will be often heavy, with a low risk of hail and thunder, and may merge into longer periods of sleet and snow.

Chance of cloud free mountain/hill tops above 600m: 70% for any given time, but temporarily 30% with showers as cloud bases lower 400-600m. Also 20% if any prolonged rain, sleet or snow occurs.

Visibility: Very good, sporadically moderate to very poor in showers, only a few metres in hill fog with bases lowering 400-600m as showers push through, perhaps more generally with any longer periods of sleet and snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 07 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/34 SW	25/30 W	21/27 W	22/28 W	20/25 W	17/22 W	16/21 SW
300	21/27 SW	20/26 SW	16/21 SW	15/21 W	14/20 W	11/16 SW	10/17 SW
Valley	12/27 SW	12/25 SW	9/19 W	8/19 W	8/17 W	5/14 W	4/13 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-10	-2/-10	-2/-9	-2/-9	-2/-9	-2/-8	-2/-8
300	0/-6	0/-6	0/-6	0/-5	0/-6	0/-5	0/-4
Valley	1/-4	0/-5	0/-4	1/-3	0/-4	0/-2	-0/-2
Freezing Level*	300m	200m	300m	300m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the significantly low windchill/feels like temperatures.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 07 Jan 2022	N/A	N/A	N/A

Forecast for Saturday 08 Jan 2022

Weather: Outbreaks of sleet and snow, falling as rain below 500m, will soon spread east across the Peak District. Then turning to rain by dawn at all levels. The outbreaks of rain become heavy and prolonged through the morning, then clearing to broken cloud and showers during the afternoon. The showers will quickly become wintry.

Maximum wind: South to southwest becoming west to northwest, increasing mean 30mph with gusts above 45mph across more exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: During the morning 10% or less, improving 70% as the showers arrive in later.

Visibility: Moderate or poor in rain, very poor in snow and only a few metres in hill fog, with bases extensive above 300-400m overnight and through the morning, then sporadically so in later showers.

Temperature: **Valleys:** Zero Celsius increasing plus 7 Celsius for the afternoon
At 600m: Minus 1 Celsius increasing plus 4 for a time during the morning
Freezing level: 200-400m increasing around 1000m for a time during the morning

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